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Recombinant Human ATF2 Protein (His & GST tag)

产品货号: TP07053

第三版

别名: CRE-BP1; CREB-2; CREB2; HB16; TREB7

**描述:** Activating transcription factor 2, also known as ATF2, is a member of the leucine zipper family of DNA-binding proteins that binds to the cAMP response element. Its activity is enhanced after phosphorylation by stress-activated protein kinases such as c-Jun N-terminal kinase and p38. ATF2 has been found to be a target of the JNK signal transduction pathway and mediate adenovirus E1A-inducible transcriptional activation. ATF2 is also been reported playing roles in TGF- $\beta$  signaling pathway. It has been shown that the transcription factor ATF2 is bound by a hetero-oligomer of Smad3 and Smad4 upon TGF- $\beta$  stimulation. Studies indicate that ATF-2 plays a central role in TGF- $\beta$  signaling by acting as a common nuclear target of both Smad and TAK1 pathways.

**配方:** PBS

**分子量:** 82.4 kDa

**序列:** Met 1-Ser 505

**纯度:** > 95% by HPLC

**浓度:**

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.